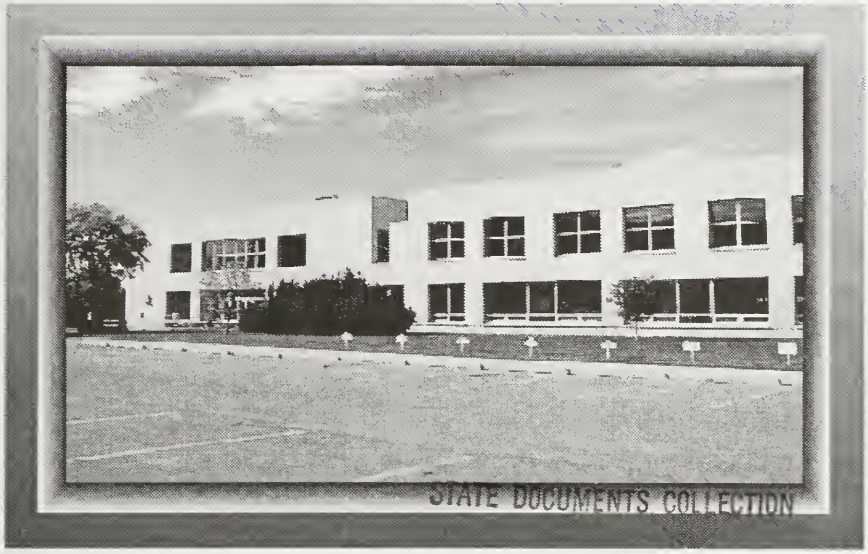
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Montana Department of
ENVIRONMENTAL
QUALITY



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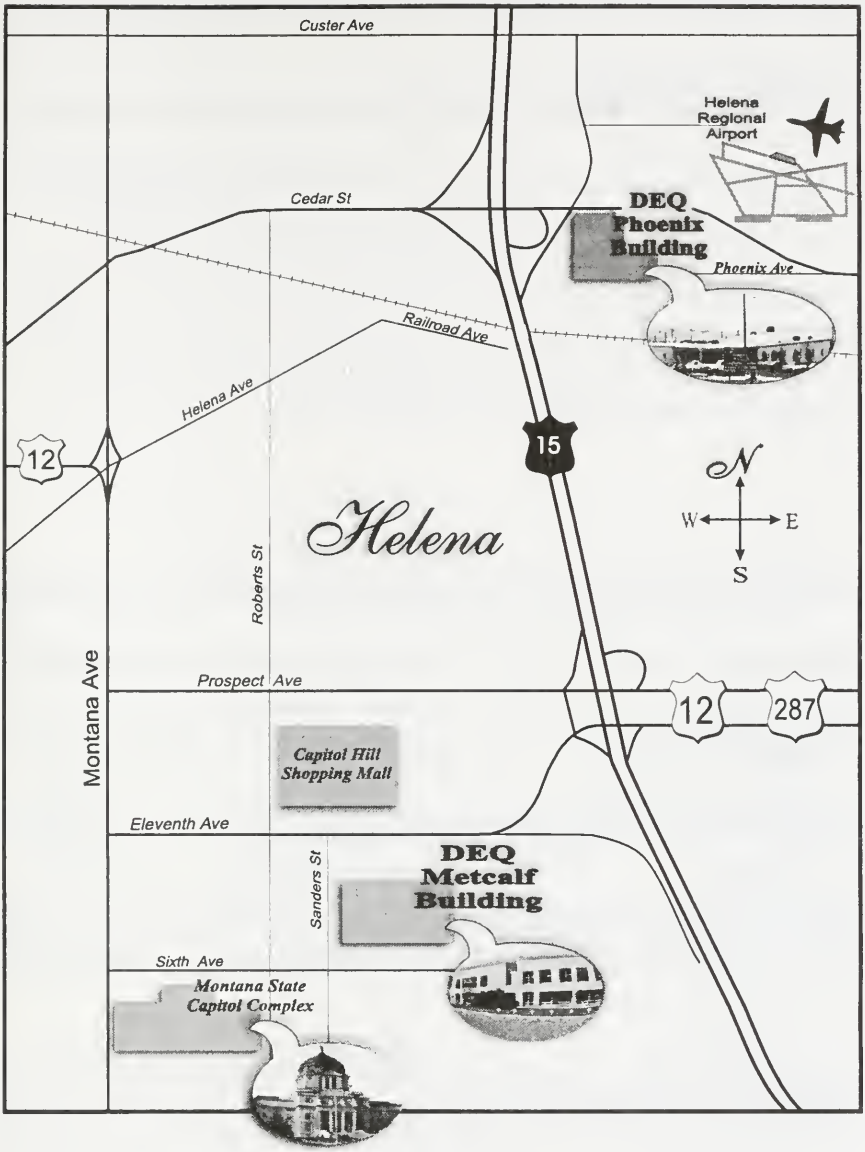
Handbook

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Published by:
State of Montana
Department of Environmental Quality
P. O. Box 200901
Helena, MT 59620-0901

Phone: (406) 444-2544 • Fax: (406) 444-4386
Internet: http://www.deq.state.mt.us



TWO LOCATIONS:

- Metcalf Building,1520 East Sixth Avenue *(Capitol Complex)*
- Phoenix Building, 2209 Phoenix Avenue
 (East of Interstate 15 Exit to the Helena Airport)

What is DEQ?

The Department of Environmental Quality (DEQ) came into existence on July 1, 1995, as the result of Senate Bill 234 passed by the 1995 Legislature. DEQ consists of the environmental programs from the former Department of Health and Environmental Sciences, along with the Energy Division from the Department of Natural Resources and Conservation, and the Reclamation Division in the former Department of State Lands. This handbook is designed to guide you through the DEQ.

Key Contact List: *area code (406)*

Director	Jan Sensibaugh	444-2544
Deputy Director	Curt Chisholm	444-2544
Chief Legal Counsel	John North	444-2630
Administrative Officer	Tom Ellerhoff	444-5263
Public Affairs Coordinator	Lisa Peterson	444-2929
Personnel Officer	Virginia Cameron	444-6717
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Administrator	Ann Danzer	444-2442
Enforcement Division		
Administrator	John Arrigo	444-5327
Permitting & Compliance Division		
Administrator	Steve Welch	444-4964
Planning, Prevention & Assistance Division		
Administrator	Art Compton	444-6697
Remediation Division		
Administrator	Sandi Olsen	444-3006

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The Department of Environmental Quality's mission is to protect, sustain, and improve a clean and healthful environment to benefit present and future generations.



Jan Sensibaugh, Director

Advances in technology have changed our world. Ever increasing amounts of information are now just a click away. The Montana Department of Environmental Quality is no exception to this trend.

In order to fulfill our mission of protecting Montana's unique environment, the DEQ collects, analyzes and uses many kinds of information. Our staff utilizes complex databases in order to monitor environmental data. We use highly technical equipment and advanced software to model and predict changes in environmental conditions. The Department is increasingly making use of the Internet and the wealth of information it can provide.

Much of the information that the DEQ collects and uses is available to the public. We are constantly striving to find better ways to make it both useful and accessible. In fact, the information you will find in this handbook is also available on our website at: **www.deq.state.mt.us**. You will also find much, much more.

Members of our regulated community can download many of the forms and documents they need to achieve compliance with environmental regulations. Consumers can find tips on how to prevent pollution and save energy. Communities can check the progress we are making in cleaning up contaminated sites. You can read and submit comments on environmental impact statements and proposed rules. We are adding new features on a regular basis.

So, I urge you to use this booklet as a starting point to finding the information you need. Computers will never replace the skills and dedication of our DEQ professionals. As always, they remain available to assist you by telephone or e-mail.

In the years ahead, we will continue to improve our services. Your support and suggestions are always welcome.

The department is split into five divisions:

Centralized Services Division: Support element of the DEQ structure. It includes data management, fiscal and accounting, contracts and procurement.

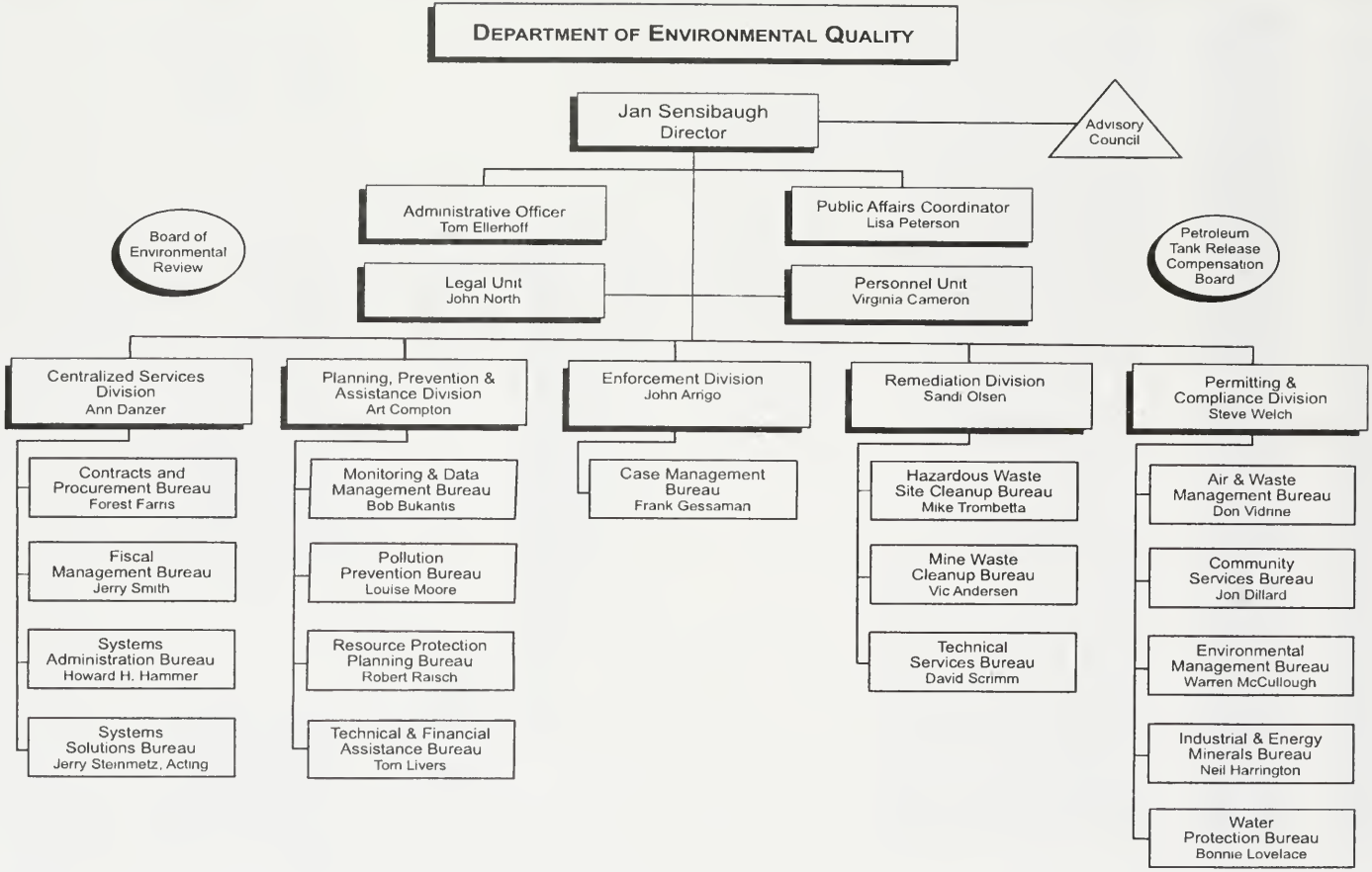
Enforcement: Formal enforcement, inspection, monitoring and training, third-party complaint investigations, and emergency spills.

Permitting and Compliance: Permit issuance and compliance monitoring for projects relating to air, water, public water supplies, solid and hazardous waste, subdivisions, motor vehicle recycling, open cut, hard rock, and coal and uranium mines, and applicable facilities under the Major Facility Siting Act.

Planning, Prevention and Assistance: Planning, policy and standards development relating to air quality State Implementation Plans, water quality, non-point source management, groundwater protection, and solid waste management.

Remediation: Abandoned mine reclamation, hazardous spill cleanup, underground storage tanks and leaking underground storage tanks, petroleum tank release compensation, Comprehensive Environmental Response, Compensation and Liability Act (federal Superfund), Comprehensive Environmental Cleanup and Responsibility Act (state Superfund).

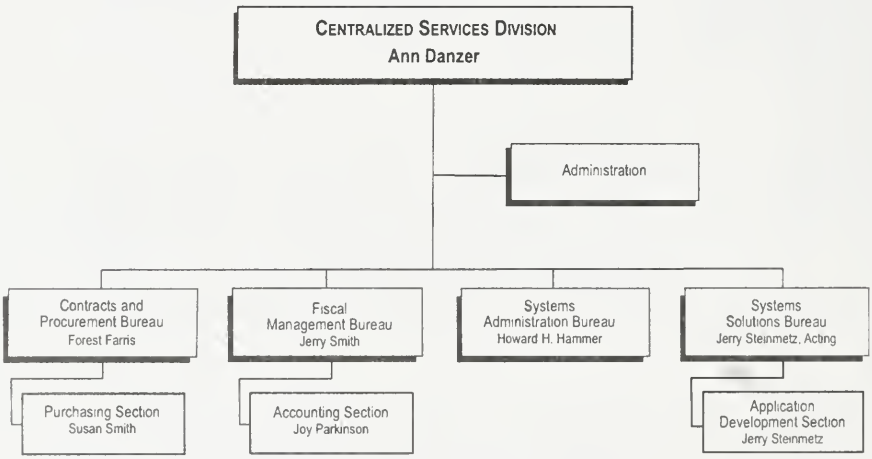
The goal of each DEQ employee is to have a well-defined regulatory entity that makes sound, understandable decisions, quickly and openly. We encourage your thoughts, or criticisms of the department and how it works for the people of the Treasure State.


DEPARTMENT OF ENVIRONMENTAL QUALITY
Jan Sensibaugh
Director
Advisory Council
Board of Environmental Review
Administrative Officer
Tom Ellerhoff
Public Affairs Coordinator
Lisa Peterson
Petroleum Tank Release Compensation Board
Legal Unit
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Personnel Unit
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Centralized Services Division
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Planning, Prevention & Assistance Division
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Permitting & Compliance Division
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Fiscal Management Bureau
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Systems Administration Bureau
Howard H. Hammer
Systems Solutions Bureau
Jerry Steinmetz, Acting
Monitoring & Data Management Bureau
Bob Bukantis
Pollution Prevention Bureau
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Resource Protection Planning Bureau
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Technical & Financial Assistance Bureau
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Case Management Bureau
Frank Gessaman
Hazardous Waste Site Cleanup Bureau
Mike Trombetta
Mine Waste Cleanup Bureau
Vic Andersen
Technical Services Bureau
David Scrimm
Air & Waste Management Bureau
Don Vidrine
Community Services Bureau
Jon Dillard
Environmental Management Bureau
Warren McCullough
Industrial & Energy Minerals Bureau
Neil Harrington
Water Protection Bureau
Bonnie Lovelace

Centralized Services Division

Metcalf Building • (406) 444-2442

The Centralized Services Division provides services to the department in the following areas: central budgeting, accounting, fiscal reporting, internal auditing, procurement, including contracts for services and the purchasing of supplies and equipment, and information technology services. The division works with other state agencies, the Governor's Office, the legislative branch, federal agencies, legislative groups, and the public regarding the fiscal management of the department.



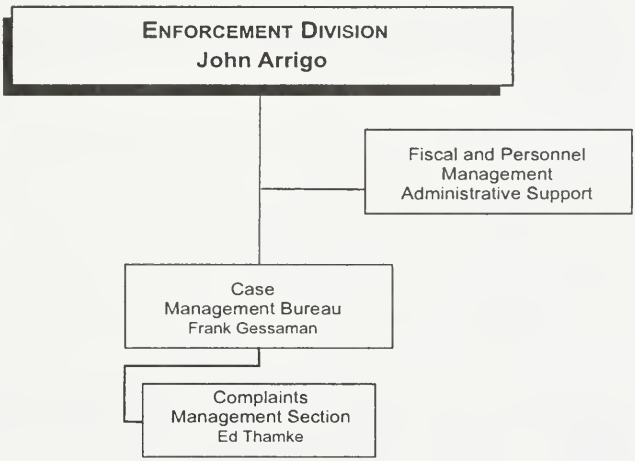
Enforcement Division

Metcalf Building • (406) 444-0379

The Enforcement Division facilitates fair, consistent and timely enforcement of the laws and regulations administered by DEQ. The Case Management Bureau processes enforcement actions, calculates penalties and tracks compliance with DEQ orders. The Complaint Management Section manages all citizen complaints and spill reports received by DEQ.

Division responsibilities:

- Respond to complaints and spills
- Maintain a complaint clearinghouse
- Issue enforcement documents
- Monitor compliance with DEQ orders



Permitting & Compliance Division
Metcalf Building • (406) 444-2667

The Permitting and Compliance Division reviews and assesses all environmental permit and license applications to determine the correct control measures and requirements needed to meet the laws and rules that have been enacted to protect the quality of the state's air, water, and land.

This division prepares the appropriate environmental review documents to comply with the Montana Environmental Policy Act. This work includes coordination and preparation of environmental impact statements, ensuring methods and standards are consistent with department policy, and coordination with regulatory programs in the division, the department and other state and federal agencies.

The division conducts all facility inspections and reviews reports to determine compliance with permit conditions and the laws and regulations. If violations are discovered, the division provides the technical assistance needed to bring the facility back into compliance or prepares an enforcement request for further action by the Enforcement Division.

The Permitting and Compliance Division is organized into five bureaus:

- Air and Waste Management
- Community Services
- Environmental Management
- Industrial and Energy Minerals
- Water Protection

Air & Waste Management Bureau *(406) 444-3490*
Don Vidrine, Bureau Chief

The Air and Waste Management Bureau regulates air pollution, hazardous waste management, and asbestos abatement through permitting and compliance activities.

Permitting & Compliance Division ~ *continued*

Metcalf Building • (406) 444-2667

Bureau responsibilities:

- Issuing air quality preconstruction and operation permits;
- Inspecting and providing compliance assistance for air emission sources;
- Certifying asbestos abatement contractors;
- Tracking and inspecting asbestos abatement projects;
- Issuing permits for open burning activities;
- Participates in the operation of the Montana Smoke Management Program with the major open burning entities;
- Issuing operating, post-closure, and corrective action permits to hazardous waste treatment, storage, and disposal facilities;
- Inspecting and providing compliance assistance to hazardous waste generators, transporters, and recyclers.

Community Services Bureau *(406) 444-4400*

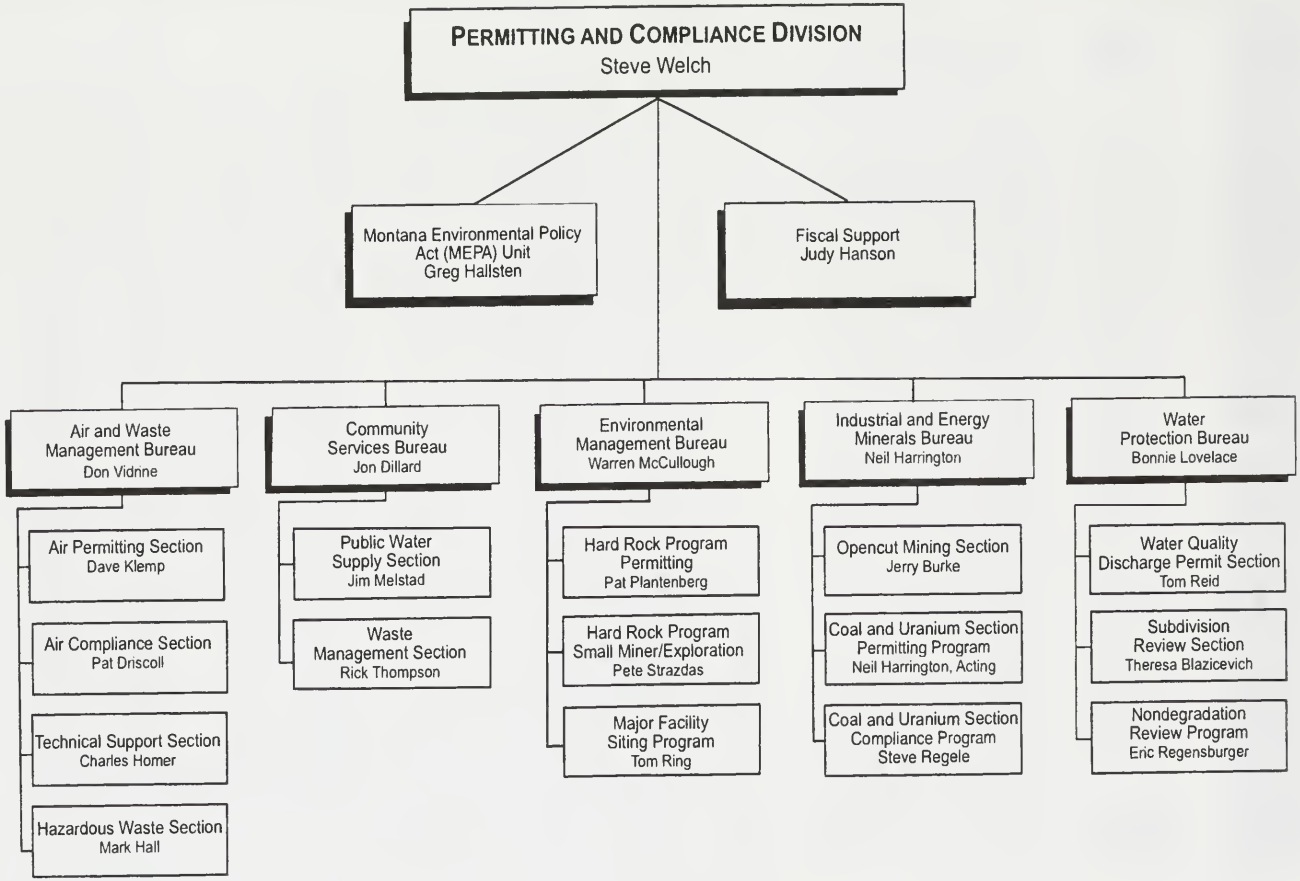
Jon Dilliard, Bureau Chief

The Community Services Bureau regulates non-hazardous solid waste management facilities and public drinking water supply or treatment facilities in Montana. The bureau assures that the environment is adequately protected from the hazards of waste disposal and that the public health is maintained through a safe and adequate supply of drinking water. These functions are achieved by technical reviews, licensing, certifications, compliance monitoring, training and technical assistance. Additionally, the bureau licenses and regulates motor vehicle wrecking facilities and administers a state junk vehicle collection program that recycles automotive scrap metal as well as protect the scenic beauty of Montana's landscape.

Permitting & Compliance Division ~ *continued*
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Bureau's responsibilities:

- Provide technical review and approval of public drinking water and wastewater system design and operational plans;
- Conduct sanitary surveys of public drinking water systems and provide technical assistance to help systems maintain compliance;
- Monitor and oversee required public drinking water system sampling to assure the delivery of safe water to the users of the system;
- Maintain a comprehensive record system for public drinking water sampling results and design and maintenance activities;
- Provide training and certification for operators of drinking water and wastewater systems;
- Provide technical review and licensing of solid waste treatment and disposal facility designs and operational plans;
- Conduct inspections of solid waste management facilities and provide technical assistance to maintain compliance;
- License septic tank pumpers and inspect disposal sites for septic tank and sump wastes;
- Provide training for owners and operators of solid waste disposal facilities;
- Review and license motor vehicle wrecking facilities and junk vehicle graveyards;
- Conduct inspections at motor vehicle wrecking facilities and junk vehicle graveyards and provide technical assistance to assure compliance;
- Oversee county junk vehicle collection programs and administer a grant to fund the activities of the county programs;
- Provide training and assistance for county junk vehicle program directors.


PERMITTING AND COMPLIANCE DIVISION
Steve Welch
Montana Environmental Policy Act (MEPA) Unit
Greg Hallsten
Fiscal Support
Judy Hanson
Air and Waste Management Bureau
Don Vidnne
Air Permitting Section
Dave Klemp
Air Compliance Section
Pat Driscoll
Technical Support Section
Charles Homer
Hazardous Waste Section
Mark Hall
Community Services Bureau
Jon Dillard
Public Water Supply Section
Jim Melstad
Waste Management Section
Rick Thompson
Environmental Management Bureau
Warren McCullough
Hard Rock Program Permitting
Pat Plantenberg
Hard Rock Program Small Miner/Exploration
Pete Strazdas
Major Facility Siting Program
Tom Ring
Industrial and Energy Minerals Bureau
Neil Harrington
Opencut Mining Section
Jerry Burke
Coal and Uranium Section Permitting Program
Neil Harrington, Acting
Coal and Uranium Section Compliance Program
Steve Regele
Water Protection Bureau
Bonnie Lovelace
Water Quality Discharge Permit Section
Tom Reid
Subdivision Review Section
Theresa Blazicevich
Nondegradation Review Program
Eric Regensburger

Permitting & Compliance Division ~ *continued*

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Environmental Management Bureau *(406) 444-4953*

Warren McCullough, Bureau Chief

The Environmental Management Bureau (EMB) regulates activities governed by the Metal Mine Reclamation Act and the Major Facility Siting Act (MFSA). The EMB coordinates the permitting process for proposed "hard rock" mines and quarries, issues permits when appropriate, inspects permitted mining operations and ensures that disturbed areas are properly reclaimed after mining ends. It also performs environmental reviews for large powerlines, pipelines, conversion and generation facilities proposed under the MFSA.

Bureau responsibilities:

- Regulation of Small Miner activities;
- Regulation of exploration for "hard rock" minerals;
- Permit review for proposed gold, silver, copper and other metal mines, including interaction with federal and other state agencies;
- Inspections and compliance assistance at operating "hard rock" mines and quarries;
- Calculation, periodic review and maintenance of reclamation bonds, and ensuring that reclamation is carried out properly after mining operations cease;
- Oversight of construction and operation of major energy-related facilities for which a petition for coverage under the Major Facility Siting Act has been accepted by the department;
- Oversight of large fuel pipelines and large electrical transmission lines;
- Regulation of exploration for geothermal resources and enrichment of uranium minerals;
- Inspections, calculation of reclamation bonds, and ensuring that MFSA certificate conditions are implemented.

Permitting & Compliance Division ~ *continued*

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Industrial & Energy Minerals Bureau *(406) 444-4970*

Neil Harrington, Bureau Chief

The Industrial and Energy Minerals Bureau administers the Montana Strip and Underground Mine Reclamation Act, the Montana Strip and Underground Mine Siting Act, and the Montana Opencut Mining Act. The bureau oversees permitting and compliance activities for coal and uranium prospecting, mining, and reclamation, and opencut mining (sand, gravel, bentonite, soil materials, peat, scoria, and clay).

Bureau responsibilities:

- Overall administration and regulation of surface and underground coal and uranium prospecting and mining and opencut mining for the entire state;
- Determine completeness and technical adequacy of all coal, uranium, and opencut mine permit applications;
- Conduct multi-disciplined analysis of prospecting and mining applications, amendments, and revisions;
- Calculate and secure the correct bond and amount to ensure completion of reclamation;
- Conduct regular, discipline specific and multi-disciplinary, on-site compliance evaluations of all permitted operations;
- Review and analyze all monitoring data and annual reports for accuracy, completeness and anomalies;
- Coordinate and participate in a variety of technical and public meetings;
- Provide technical assistance and outreach to the mine operators and interested citizens;
- Respond to citizen complaints related to mining of coal and opencut minerals;

Permitting & Compliance Division ~ *continued*
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- Ensure compliance with applicable regulations;
- Ensure reclamation of those sites on which the bond has been forfeited;
- Coordinate and communicate with inter- and intra-agency personnel and groups to facilitate and ensure efficiency and completeness of actions taken.

Water Protection Bureau *(406) 444-3080*
Bonnie Lovelace, Bureau Chief

The Water Protection Bureau works with Montana's communities, residents, businesses, industries and agencies to safeguard our state's surface and ground water and to ensure that all are in compliance with state and federal regulations and guidelines.

Bureau responsibilities:

- Executing federal and state water quality guidelines and regulations;
- Reviewing activities to determine significance of potential water degradation;
- Investigating reported conditions relating to pollution of state waters;
- Assessing and approving — or disapproving — water and wastewater applications for subdivisions;
- Determining whether potential water pollution from new sources will meet legal requirements;
- Evaluating and issuing permits for discharging into state surface and ground waters (Montana Pollutant Discharge Elimination System or Montana Ground Water Pollution Control System permits);
- Verifying compliance with Section 401 of the federal Clean Water Act, which regulates dredge and fill disposal activities;

Permitting & Compliance Division ~ *continued*

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- Evaluating applications for short-term water quality standard for turbidity related to construction activity (318 authorization), or short-term exemptions from surface water quality standards for pesticide application or emergency environmental remediation (308 authorization);
- Inspecting monitoring equipment and/or sampling effluents and reviewing record keeping to ensure compliance with permit limitations;
- Advising, consulting and cooperating with other state and federal agencies, affected groups, political subdivisions and industries to prevent pollution and enforce water protection laws and regulations.

Montana Environmental Policy Act (MEPA) Unit

Greg Hallsten

This unit was formed to provide MEPA coordination and support to the bureaus and the division. The unit coordinates MEPA compliance and is responsible for providing the program guidance necessary to effectively manage and track activities within the division.

MEPA Unit responsibilities:

- MEPA contracting and EIS coordination;
- MEPA guidance in conjunction with the Director's Office;
- Public involvement guidance;
- Coordination with other state and federal agencies.

Planning, Prevention & Assistance Division
Metcalf/Phoenix Buildings • (406) 444-6697

The Planning, Prevention and Assistance Division develops integrated water, air, waste management and energy plans to protect Montana's environmental resources. The division monitors ambient environmental conditions and maintains records and data describing the quality of Montana's environment. The division encourages businesses, local governments and citizens to adopt new products, technologies and practices that avoid environmental damage to the public's resources. It provides financial and technical assistance to overcome market and institutional barriers hindering the implementation of cleaner business, energy utilization and public works practices and the installation of better equipment.

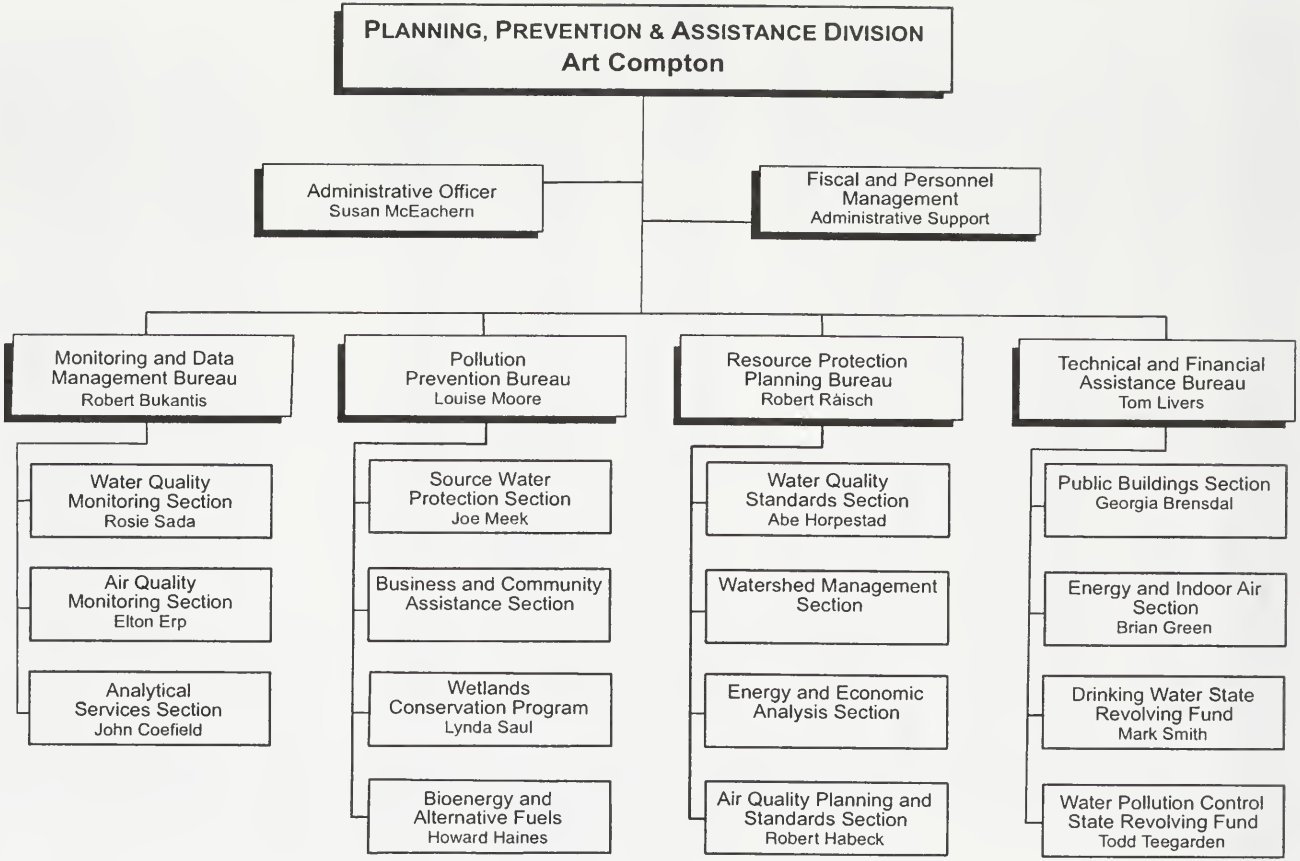
Monitoring & Data Management Bureau *(406) 444-5320*
Bob Bukantis, Bureau Chief

The Monitoring and Data Management Bureau monitors air and water quality conditions and trends statewide, and assesses sources and severity of pollution problems. Bureau staff develop and convey pertinent and reliable information on the condition of Montana's environment to resource managers and the public.

The bureau has responsibility for operation of statewide air and water quality monitoring networks, conducts inventories of pollution sources, identifies impaired streams, lakes and airsheds, and maintains statewide environmental monitoring databases. A variety of technical support services are provided to the department and the public, including assistance in developing comprehensive pollution control plans.

Bureau responsibilities:

- Operation of statewide air and water quality monitoring networks;
- Water quality assessment of lakes, streams and wetlands;
- Identification of impaired waters and air quality nonattainment areas;


PLANNING, PREVENTION & ASSISTANCE DIVISION
Art Compton
Administrative Officer
Susan McEachern
Fiscal and Personnel Management
Administrative Support
Monitoring and Data Management Bureau
Robert Bukantis
Pollution Prevention Bureau
Louise Moore
Resource Protection Planning Bureau
Robert Raisch
Technical and Financial Assistance Bureau
Tom Livers
Water Quality Monitoring Section
Rosie Sada
Air Quality Monitoring Section
Elton Erp
Analytical Services Section
John Coefield
Source Water Protection Section
Joe Meek
Business and Community Assistance Section
Wetlands Conservation Program
Lynda Saul
Bioenergy and Alternative Fuels
Howard Haines
Water Quality Standards Section
Abe Horpestad
Watershed Management Section
Energy and Economic Analysis Section
Air Quality Planning and Standards Section
Robert Habeck
Public Buildings Section
Georgia Brensdal
Energy and Indoor Air Section
Brian Green
Drinking Water State Revolving Fund
Mark Smith
Water Pollution Control State Revolving Fund
Todd Teegarden

Planning, Prevention & Assistance Division ~ *continued*

Metcalf/Phoenix Buildings • (406) 444-6697

- Air emission inventories, traffic counts and residential wood burning surveys;
- Air quality dispersion, receptor and vehicle emission modeling and analysis;
- Air quality permit application reviews and Prevention of Significant Deterioration (PSD) increment tracking;
- Meteorological services and emergency air quality forecasting;
- Operation and maintenance of statewide air and water quality databases;
- Preparation of reports on the condition of Montana's environment;
- Dissemination of monitoring data and assessments through Internet and conventional methods;
- Technical assistance in development of air and water pollution abatement plans (SIPs and TMDLs);
- Monitoring and assessment protocols and training;
- Citizen volunteer water quality monitoring coordination;
- Monitoring equipment maintenance and calibration; and
- Data quality assurance and quality control.

Pollution Prevention Bureau *(406) 444-6749*

Lou Moore, Bureau Chief

The Pollution Prevention Bureau works in the areas of air quality, water quality, land conservation, and energy efficiency with the common theme of finding ways to prevent pollution before it occurs.

Bureau responsibilities:

- Assist small businesses to understand, meet, and exceed environmental regulations through site visits, workshops and a toll free hot line 1-800-433-8773. This assistance is free and confidential;
- Delineate sources of water that supply public water supply wells and intakes, and assess potential risks to these source waters;
- Educate the public and assist communities and other public water suppliers to develop plans that protect the source waters;

Planning, Prevention & Assistance Division ~ *continued*
Metcalf/Phoenix Buildings • (406) 444-6697

- Assist local governments in establishing and supporting local water quality districts;
- Promote the reduction, reuse, recycling, and composting of wastes, and work to expand the markets to use these wastes productively;
- Research, develop, demonstrate, and bring to the marketplace new technologies relating to energy efficiency, renewable energy and renewable resources;
- Lead statewide efforts to conserve wetlands for Montana, facilitate a wetlands council, and administer a wetlands grant program;
- Encourage efficient transportation alternatives including infrastructure recommendations and the development and use of alternative fuels and lubricants.

Resource Protection Planning Bureau *(406) 444-3658*
Robert Raisch, Bureau Chief

The Resource Protection Planning Bureau develops and implements management plans for watersheds, airsheds and energy. The bureau cooperates with the Monitoring and Data Management Bureau to oversee the development of Total Maximum Daily Loads. The bureau also coordinates the department's positions on environmental legislation, proposed rules and policies; develops environmental protection criteria, standards and rules; and provides economic modeling and analysis.

Bureau responsibilities:

- Outreach and education for nonpoint sources of water pollution;
- Identification and deployment of "Best Management Practices" for nonpoint sources of water pollution;
- Development of management plans for nonpoint sources of water pollution;
- Development of "Total Maximum Daily Loads (TMDLs)";
- Development of water quality criteria, classifications, and standards;
- Evaluation and proposal of site-specific and temporary water quality standards;

Planning, Prevention & Assistance Division ~ *continued*
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- Outreach and education on the health and environmental effects of water pollution;
- Technical support for policies related to the deregulation of the electricity industry;
- Development of the state energy emergency contingency plan;
- Reviewing and recommending changes to utility integrated electric and natural gas resource plans;
- Technical support and outreach on alternative energy sources and energy efficiency;
- Economic modeling and analysis;
- Evaluation of the environmental benefits of proper transportation and land use planning;
- Preparation of "State Implementation Plans (SIPs)" for air quality non-attainment areas;
- Reviewing federally funded highway and other projects for conformity with the "State Implementation Plan (SIP)";
- Development of air quality standards and rules;
- Outreach and education on the health and environmental effects of air pollution;
- Coordination and integration of environmental protection policies and rules;
- Coordination of agency positions on environmental legislation, policies, rules and standards;
- Monitoring federal and state environmental legislation and rulemaking; and
- Development of ecosystem and regional integrated environmental plans.

Technical & Financial Assistance Bureau *(406)444-6697*
Tom Livers, Bureau Chief

The Technical and Financial Assistance Bureau helps communities with infrastructure financing through loans for construction and improvement of drinking water and wastewater systems, and for energy retrofits to hospitals and public buildings. The bureau also promotes environmental protection and public health through

Planning, Prevention & Assistance Division ~ *continued*

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technical assistance, education and outreach regarding energy efficiency and radon in public and commercial facilities. Another major emphasis is facilitating communication between the department and local governments regarding relevant environmental regulatory issues, and assisting local governments in addressing energy and environmental protection needs.

Bureau responsibilities:

- Technical and financial assistance to state and federal agencies, school districts and hospitals to improve energy efficiency in their facilities;
- Partnerships with local governments and the private sector to realize cost savings and to reduce energy use in buildings through efficiency improvements;
- Technical and financial assistance to communities, water and sewer districts through low-interest loans for drinking water and wastewater system construction and improvement and for related water pollution control projects;
- Training and technical assistance to water and wastewater treatment operators, water and sewer districts and communities;
- Engineering review of drinking water system improvements necessary to ensure safe, reliable, high quality water supplies;
- Public education regarding the health risks of radon gas and on methods for reducing the risks of exposure to radon;
- Training for architects, engineers, utility professionals, builders and building code officials in energy efficient design, energy codes, building practices and materials; and
- Communication between the department and local governments regarding relevant environmental regulatory issues, and local government assistance in addressing energy and environmental protection needs.

Remediation Division
Phoenix Building • (406) 444-1420

The Remediation Division oversees investigation and cleanup activities at state and federal Superfund sites; reclaims abandoned mine lands; regulates, permits, and licenses underground storage tanks (USTs); implements corrective actions at sites with leaking USTs (LUSTs); and oversees groundwater remediation at sites where agricultural chemical spills, petroleum spills, or other improper placement of wastes have caused groundwater contamination. The purpose of all these activities is to protect human health and the environment, to prevent potential exposure to hazardous or deleterious substances that have been released to soil, sediment, surface water, or groundwater, and to ensure compliance with applicable state and federal regulations.

Remediation activities include: (1) characterizing the nature and extent of contamination, identifying the affected media and environmental impacts, and evaluating remedial alternatives and associated costs; (2) selecting, designing, and implementing remedial actions; (3) involving local governments and the public in cleanup actions, including coordination through technical and citizens advisory committees; (4) providing the legal framework for responsible parties to conduct cleanups; and (5) funding reasonable and necessary cleanups of petroleum releases for parties determined eligible by the Petroleum Tank Release Compensation Board (PTRCB). For some sites, the division retains independent technical experts to support the decision-making process, and engineering consultants and construction contractors for investigation, remediation, and construction work. The division regulates USTs to prevent leaks by specifying design standards for them, reviewing installation plans, and issuing permits and licenses.

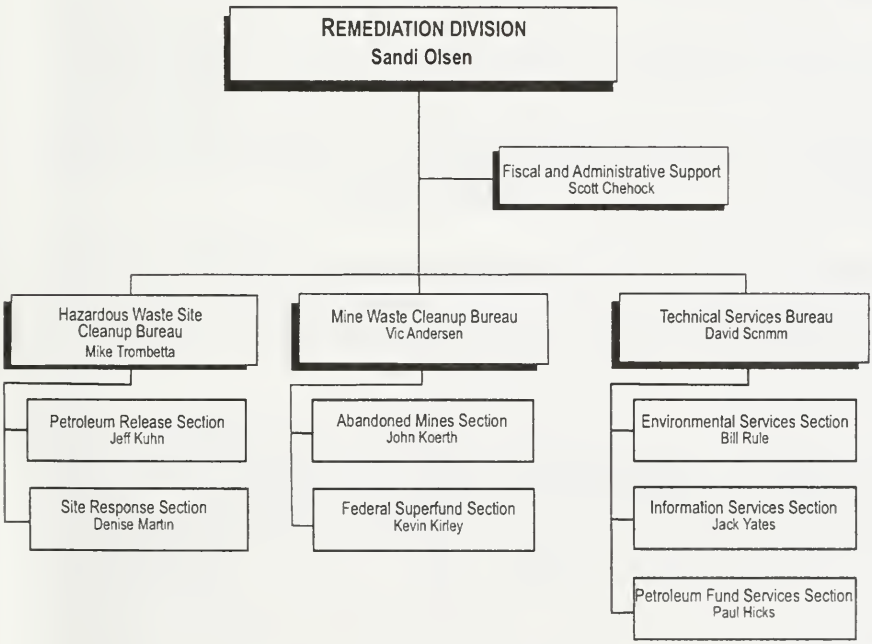
Hazardous Waste Site Cleanup Bureau *(406) 444-1420/5970*
Mike Trombetta, Bureau Chief

The Hazardous Waste Site Cleanup Bureau oversees the investigation and cleanup of sites contaminated by hazardous materials and petroleum released by industrial and commercial operations other than mining. The bureau is

Remediation Division
Phoenix Building • (406) 444-1420

responsible for remediation of soil or groundwater contamination resulting from chemical spills, releases of hazardous or solid wastes and petroleum releases. The bureau implements six federal and state laws:

- Resource Conservation and Recovery Act (RCRA) Subtitle I (federal Underground Storage Tank Act);
- Montana Underground Storage Tank Act;
- Montana Petroleum Storage Tank Cleanup Act;
- Comprehensive Environmental Cleanup and Responsibility Act (CECRA, or state Superfund program);
- Montana Voluntary Cleanup and Redevelopment Act (VCRA);
- Montana Water Quality Act (WQA).



Remediation Division ~ *continued*
Phoenix Building • (406) 444-1420

Mine Waste Cleanup Bureau *(406) 444-1420*
Vic Andersen, Bureau Chief

The Mine Waste Cleanup Bureau is responsible for administering and overseeing remedial actions at historical mine sites, and ore-transport and processing facilities. The work includes implementation of parts of the state's non-regulatory program to reclaim land affected by abandoned mines. The bureau also implements provisions of the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, or federal Superfund program). The bureau contracts with technical consultants, university researchers, and construction contractors for field studies, remedial design and other remedial work.

Technical Services Bureau *(406) 444-5970*
David Scrimm, Bureau Chief

The Technical Services Bureau implements the Underground Storage Tank (UST) Leak Prevention Program, including oversight of UST system inspections performed by private sector inspectors, permitting of UST installations, modifications and removals, and providing grants to local governments for UST-related education, outreach and compliance assistance.

The bureau makes recommendations to the Petroleum Tank Release Compensation Board regarding eligibility for reimbursement of cleanup and third party damage costs from the Petroleum Tank Release Cleanup Fund, and processes claims for reimbursement from the fund.

In coordination with the Centralized Services Division, the bureau plans, implements and manages electronic information systems and coordinates the development of Internet and geographic information systems for the Remediation Division.

Board of Environmental Review

The Board of Environmental Review (BER) is composed of seven members appointed by the governor. The members must be representative of the geographic areas of the state. The membership must include persons who have expertise or backgrounds in the following areas: law, hydrology, local government planning, and environmental sciences. One person must either be a county health officer or a medical doctor.

The BER is both a quasi-legislative and quasi-judicial board. Its duties include rulemaking and determining appeals of department decisions.

Membership List

December 2001

JOSEPH RUSSELL, CHAIRMAN			
723 5th Avenue East	Ofc.	758-5828	Term Ends: 1/1/2003
Kalispell, MT 59901	Home	752-6199	County Health Officer
SUSAN KIRBY BROOKE			
208 James Avenue	Ofc.	539-8135	Term Ends: 1/1/2003
Bozeman, MT 59715	Home	539-8135	Public Member
DAVID FISHBAUGH			
2180 Overland Ave., Suite 104	Ofc.	651-5235	Term Ends: 1/1/2005
Billings, MT 59102	Home:	248-1323	Hydrologist
RUSSELL HUDSON			
8250 Farm to Market Road			Term Ends: 1/1/2005
Libby, MT 59923	Home	293-5698	Public Member
KIM LACEY			
P.O. Box 534			Term Ends: 1/1/2003
Glasgow, MT 59230	Home	228-8128	Public Member
WARD A. SHANAHAN			
33 South Last Chance Gulch	Ofc.	442-8560	Term Ends: 1/1/2005
Helena, MT 59601	Home:	442-4059	Local Government Planning & Attorney
GARON SMITH, Ph.D.			
2015 26th Avenue	Ofc.	243-5606	Term Ends: 1/1/2005
Missoula, MT 59801	Home	728-4668	Scientist

Petroleum Tank Release Compensation Board

The Petroleum Tank Release Compensation Board administers the Petroleum Tank Release Cleanup Fund. The fund was created to:

- Protect public health and safety and the environment by providing prompt detection and cleanup of petroleum tank releases;
- Reimburse owners and operators for eligible costs caused by a release from a petroleum storage tank and approved by the Board;
- Assist certain tank owners and operators in meeting financial assurance requirements under state and federal law governing releases from petroleum storage tanks; and
- Provide tank owners with incentives to improve petroleum storage tank facilities in order to minimize the likelihood of accidental releases.

Petroleum Tank Release Compensation Board
July 2001

GARY BASSO	Ofc.	245-6511	Term ends: 6/30/2004
P. O. Box 30638	Home:	245-9887	Fax: 245-9887
Billings, MT 59107	Representative of the insurance industry		
LINDA COCKHILL	Ofc.	442-4663	Term ends: 6/30/2002
P. O. Box 6013	Home:		Fax: 449-3191
Helena, MT 59604	Representative of financial/banking industry		
GREG CROSS	Ofc.	252-5519	Term ends: 6/30/2004
P. O. Box 1078	Home:		Fax: 252-2163
Billings, MT 59103	Representative of independent petroleum marketers and chain retailers		
TIM HORNBACHER	Ofc.	442-0540	Term ends: 6/30/2003
1721 Cedar	Home:		Fax: 442-0540
Helena, MT 59601	Representative of service station dealers		
DANIEL D. MANSON	Ofc.	782-5800	Term ends: 6/30/2002
P. O. Box 509	Home:	752-7456	Fax: 723-8919
Butte, MT 59703	Attorney with experience in environmental law		
JOE MURPHY	Ofc.	453-5478	Term ends: 6/30/2004
P. O. Box 6350	Home:		Fax: 453-2009
Great Falls, MT 59406	Representative of petroleum release remediation consultant industry		
MARY ANN SHARON	Ofc.	683-2393	Term ends: 6/30/2003
P. O. Box 1257	Home:	683-2648	Fax: 683-2648
Dillon, MT 59725	Representative of the general public		

Montana Laws Administered by DEQ

82-4-239, -242, -323, -357, -371, -372, -445, -446, MCA
Abandoned Mine Reclamation

80-15-101, *et seq.,* MCA
Agricultural Chemical Groundwater Protection Act

90-4-101, *et seq.,* MCA
Alternative Energy Grant and Loan Program

75-25-101, *et seq.,*
Alternative Energy Loan Program

75-2-501, *et seq.*, MCA
Asbestos Control Act

90-4-601, *et seq.,* MCA
Building Energy Conservation Program

75-2-101, *et seq.*, MCA
Clean Air Act of Montana

75-10-701, *et seq.,* MCA
Comprehensive Environmental Cleanup and Responsibility Act (CECRA)
(state Superfund Program)

75-10-601, *et seq.,* MCA
Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
(state participation in federal Superfund Program)

75-6-201, *et seq.,* MCA
Drinking Water State Revolving Fund Act

90-4-1001, *et seq.,* MCA
Energy Policy--Goal and Development Process

Montana Laws Administered by DEQ

90-4-301, *et seq.*, MCA
Energy Supply Emergency Powers Act
(administered by Governor with DEQ assistance)

75-1-101, *et seq.*, MCA
Environmental Policy Act

75-10-451, MCA
Halogenated Solvent Users Registration

75-10-401, *et seq.*, MCA
Hazardous Waste Act

75-10-1001, *et seq.*, MCA
Infectious Waste Management Act

75-10-801, *et seq.*, MCA
Integrated Waste Management Act

75-20-101, *et seq.*, MCA
Major Facility Siting Act

75-10-901, *et seq.*, MCA
Megalandfill Siting Act

82-4-301, *et seq.*, MCA
Metal Mine Reclamation Act

75-10-501, *et seq.*, MCA
Motor Vehicle Recycling and Disposal Act

82-4-401, *et seq.*, MCA
Opencut Mining Act

75-11-301, *et seq.*, MCA
Petroleum Storage Tank Cleanup

Montana Laws Administered by DEQ

75-6-101, *et seq.*, MCA
Public Water Supply Act

76-4-101, *et seq.*, MCA
Sanitation in Subdivisions Act

75-10-1201, *et seq.*, MCA
Septic Disposal

75-10-201, *et seq.*, MCA
Solid Waste Management Act

82-4-201, *et seq.*, MCA
Strip and Underground Mine Reclamation Act

82-4-101, *et seq.*, MCA
Strip and Underground Mine Siting Act

75-11-501, *et seq.*, MCA
Underground Storage Tank Act

75-11-201, *et seq.*, MCA
Underground Storage Tank Installer Licensing and Permitting Act

75-10-730, *et seq.*, MCA
Voluntary Cleanup and Redevelopment Act

75-5-1101, *et seq.*, MCA
Water Pollution Control State Revolving Fund Act

75-5-101, *et seq.*, MCA
Water Quality Act

37-42-101, *et seq.*, MCA
Water Treatment Plant Operators Act

Federal Laws

Following is a list of federal statutes that govern certain environmental programs and activities administered by the DEQ.

15 U.S.C. § 2641, *et. seq.*
Asbestos Hazard Emergency Response Act

42 U.S.C. § 7401, *et. seq.*
Clean Air Act

33 U.S.C.§1251, *et. seq.*
Clean Water Act

42 U.S.C. § 9601, *et. seq.*
Comprehensive Environmental Response, Compensation, and Liability Act
(federal Superfund Program)

42 U.S.C. § 6321, *et. seq.*
Energy Policy and Conservation Act

42 U.S.C. § 6901, *et. seq.*
Resource Conservation and Recovery Act
(hazardous waste, municipal solid waste, underground storage tanks)

42 U.S.C. § 300h, *et. seq.*
Safe Drinking Water Act

30 U.S.C. § 1201, *et. seq.*
Surface Mining Control and Reclamation Act
(coal mining)

DEQ Contacts

The list of DEQ contacts is divided into five sections: Air Quality; Energy; Mining; Solid and Hazardous Waste; and Water Quality. Entries are arranged alphabetically by topic.

There is extensive cross-referencing to help you find what you are looking for. If you look a topic up and do not find it, try to think of another name by which it might be known (for example, transmission line instead of power line). The person listed as the contact will either find the answer to your question or will refer you to the appropriate person. **Unless otherwise noted, telephone numbers have a 444 prefix.**

If you have suggestions to improve this list, call Nancy McLane at (406) 444-6763.

Air Quality

Topic	Contact	Phone (406) 444-
Acid Rain	Bob Habeck	7305
Alternative Fuels	Howard Haines	6773
Asbestos	John Podolinsky	2690
Automobile emissions	John Coefield	5272
Burning restrictions	John Coefield	5272
Carbon monoxide	Deb Wolfe	7916
Clean Air Act, Montana and Federal		
Ambient air standards	Deb Wolfe	7916
Permitting and emission limits	Dan Walsh	0285
Coal bed methane	Eric Merchant	1457
Complaints, investigation, enforcement	Enforcement Division	0379
Compliance assistance	Pat Driscoll	0284
see also *Small Business Assistance*		
Data management		
AIRS – Air Quality Data Management System		
AFS – Air Facility Data Management System	Charles Homer	5279
Deicers, chemical	Bob Habeck	7305
Emergency response		
Contact DMA, Disaster and Emergency Services		841-3911
Hazardous materials emergency response team		
Emissions, air		
Area-wide	John Coefield	5272
Industrial sources – asphalt plants, mining, oil and gas wells, refineries, rock crushers	Pat Driscoll	0284
Continuous emissions monitoring (CEM)	Jim Hughes	247-4448
Source inventories, listings	Debbie Linkenbach	2742
Source testing	John Raudsep	0283
Field offices		
Billings	Jim Hughes	247-4448
Missoula	Karen Wilson	523-4907
Forest fires, contact DNRC, Forestry Division, Missoula		542-4300
Glacier National Park	Howard Haines	6773
Global warming (greenhouse gas)	Paul Cartwright	6761
Health and environmental impacts of air pollutants	Deb Wolfe	7916

Air Quality

Topic	Contact	Phone (406) 444-
Incinerators		
Hazardous, non-hazardous waste, and medical waste	Dave Klemp	0286
Indoor air quality		
Contact Department of Labor and Industry Safety Bureau	Judy Murphy	5267
Industrial sources of air pollutants	Pat Driscoll	0284
Lead, industrial sources	Bob Habeck	7305
Lead paint disposal	Tim Stepp	4725
Methane/landfills	Eric Merchant	1457
see also *ENERGY SECTION*		
Modeling and analysis	John Coefield	5272
Dispersion modeling		
Emissions inventories		
Meteorological analysis		
Monitoring and assessment	Bob Bukantis	4684
Montana Air Monitoring Network	Elton Erp	5282
Nitrogen oxides	Deb Wolfe	7916
Open burning	Dave Aguirre	5287
Smoke Management Program		
Meteorology/Monitoring	John Coefield	5272
Permitting and Compliance	Dave Aguirre	5287
Planning and Policy	Bob Habeck	7305
Smoke management hotline – open burning daily restrictions (operates September 1 through November 30)		1-800-225-6779
Oxygenated fuel	Bob Habeck	7305
Ozone	Deb Wolfe	7916
Particulates – road dust, wood stoves, tailpipe emissions, industrial	Deb Wolfe	7916
Permit fees	Sara Williamson	5295
Permits	Dave Klemp	0286
Facilities or equipment that contribute to air pollution		

Air Quality

Topic	Contact	Phone (406) 444-
Preconstruction	Dan Walsh	0285
Operating	Vickie Walsh	9786
New Source Review in Non-attainment Areas	Dan Walsh	0285
Open burning	Dave Aguirre	5287
Prevention of Significant Deterioration (PSD)	Dan Walsh	0285
Small business, air quality	Bonnie Rouse	3641
Planning	Bob Habeck	7305
Pollution prevention	Louise Moore	6749
Prescribed burning	Bob Habeck	7305
Radon	Brian Green	6768
Radon hotline		1-800-546-0483
Reformulated gasoline	Howard Haines	6773
Regional haze	Deb Wolfe	7916
Road dust	Bob Habeck	7305
Rules	Charles Homer	5279
Small business air quality assistance – dry cleaners, auto body shops, chrome platers, small manufacturers, etc.	Bonnie Rouse	3641
Small business assistance hotline		1-800-433-8773
Smoke Management Program, see *Open Burning*		
Smoke School	Sara Williamson	5295
Snowmobile emissions	Howard Haines	6773
Standards and rules, state/federal	Charles Homer	5279
State Implementation Plans (SIPs)	Bob Habeck	7305
Area-specific plans		
Standards compliance, Federal		
Sulfur dioxide, Industrial sources	Bob Habeck	7305
Transportation and land-use effects	Paul Cartwright	6761
Vehicle emissions	John Coefield	5272
Visibility	Deb Wolfe	7916
Wood stoves – emissions, regulations, surveys see also *ENERGY SECTION*	John Coefield	5772
Yellowstone National Park	Howard Haines	6773

Energy

Topic	Contact	Phone (406) 444-
Alternative fuels development	Howard Haines	6773
Biomass energy	Howard Haines	6773
Agriculture based fuels and lubricants		
Wood and animal manure wastes		
Building codes training and assistance	Brian Green	6768
Buildings, energy-efficiency programs		
Design, construction, training – homes, businesses	Brian Green	6768
Retrofit financing, technical assistance, commissioning – schools, health care facilities, local, state, and federal buildings	Georgia Brensdal	6750
Coal		
Planning, policy, supply, demand see also *MINING SECTION*		
Coal bed methane	Greg Hallsten	3276
Environmental review/monitoring		
Cogeneration		
Biomass fired and combined cycle	Howard Haines	6773
Colstrip coal-fired power plants	Tom Ring	6785
Deregulation, electric and natural gas	Larry Nordell	6757
Education	Kathi Montgomery	6778
Electrical generation facilities, large		
See *Coal-fired, Cogeneration, Hydroelectric, Wind*		
Electromagnetic fields, health effects	Tom Ring	6785
Emergency planning - Electricity/Petroleum shortages	Paul Cartwright	6761
Emergency response		
Contact Disaster and Emergency Services		841-3911
Hazardous materials emergency response system		
Energy minerals, see *MINING SECTION*		
Ethanol fuel	Howard Haines	6773
Facility siting	Tom Ring	6785
Gasohol	Howard Haines	6773
Geothermal	Georgia Brensdal	6750

Energy

Topic	Contact	Phone (406) 444-
Hydroelectric power plants (large-scale)	Tom Ring	6785
Dam licensing/relicensing (FERC)		
Avista Corp. (WWP)	Tom Ring	6785
MPC Madison-Missouri	Nancy Johnson	6797
Environmental review/monitoring	Tom Ring	6785
Water rights permits, projects on state-owned lands, contact DNRC, Water Resources Div.		6601
Hydrogen	Howard Haines	6773
Industrial technologies, energy-efficient	Ron Kainu	6752
Lighting, energy-efficient	Ron Kainu	6752
Low-income home weatherization, contact DPHHS	Jim Nolan	447-4260
Major Facility Siting Act (MFSA)	Tom Ring	6785
Methane exploration, production, regulation	Greg Hallsten	3276
Natural gas – Planning/policy	Paul Cartwright	6761
Oil – Planning/policy	Paul Cartwright	6761
Petroleum		
Monitoring Program	Paul Cartwright	6761
Planning, policy, supply, demand	Paul Cartwright	6761
Violation escrow (PVE)	Ann Danzer	4256
Also contact DNRC, Oil and Gas Division		6675
Billings headquarters		656-0040
see also *SOLID AND HAZARDOUS WASTE SECTION*		
Photovoltaics	Mark Hines	6769
Pipelines, large	Tom Ring	6785
Environmental review/monitoring		
Spills/leaks, see *Emergency response*		
Policy, planning, legislation, rulemaking		
Power lines	Tom Ring	6785
Public buildings energy retrofits	Georgia Brensdal	6750
Rebuild America	Toby Benson	6758
Recycling programs	Sandra Boggs	9897
see also *SOLID AND HAZARDOUS WASTE SECTION*		
Renewable energy, see *Biomass, Geothermal,*		

Energy

Topic	Contact	Phone (406) 444-
Solar, Wind		
Residential programs	Brian Green	6768
Restructuring, electric and gas	Larry Nordell	6757
Siting and construction of large transmission lines and pipelines (MFSA)	Tom Ring	6785
Snowmobiles, energy-efficient	Howard Haines	6773
Solar	Mark Hines	6769
Transmission lines, large	Tom Ring	6785
Environmental review		
Siting and construction		
Transportation, energy-efficient		
Alternative fuels development	Howard Haines	6773
Transportation demand management	Paul Cartwright	6761
Utility planning, electric and gas	Larry Nordell	6757
Weatherization, see *Buildings – Energy-efficiency programs, Low-income home weatherization*		
Wind		
Technology and Monitoring	Mark Hines	6769
Policy and resource data	Paul Cartwright	6761
Wood stoves, energy-efficient	Howard Haines	6773
see also *AIR QUALITY SECTION*		

Mining

Topic	Contact	Phone (406) 444-
Abandoned mine reclamation, see *SOLID AND HAZARDOUS WASTE SECTION*	Vic Andersen	4972
Coal and uranium mining, prospecting, and reclamation	Neil Harrington	4973
Field office – Billings (permit compliance)	Steve Regele	247-4433
MEPA compliance	Neil Harrington	4973
Mine data	Claudia Furois	4968
Permits	Neil Harrington	4973
Coal bed methane		
Air quality	Dave Klemp	0286
EIS project manager	Greg Hallsten	3276
Permitting	Tom Reid	5329
Socioeconomics	Jeff Blend	6762
Water quality	Abe Horpestad	2459
Complaints, investigation, enforcement	Enforcement Division	0379
Hard rock mining – gold, copper, silver, platinum, precious gems, and other hard rock minerals	Warren McCullough	6791
Mine data	Pat Plantenberg	4960
Montana Environmental Policy Act (MEPA)		
Environmental impact statement coordination	Greg Hallsten	3276
Records Management	Tina Engel	0514
Technical review	Warren McCullough	6791
Permits		
Exploration license (hard rock and placer)	Pete Strazdas	4962
Operating/Milling/Reprocessing	Pat Plantenberg	4960
Small miners exclusion	Pete Strazdas	4962
Other permits	Warren McCullough	6791
Leases on state land, contact DNRC, Minerals Management Bureau	Julie David	4576
Mine safety, contact Dept. of Labor and Industry, Safety Bureau	Ron Umscheid	6419
Mining claims on federal lands, contact nearest BLM or Forest Service office		

Mining

Topic	Contact	Phone (406) 444-
Opencut mining – sand, gravel, bentonite, topsoil, peat, scoria, and clay	Neil Harrington	4973
Field Offices		
Billings		
Northeast Region	Mark Carlstrom	247-4436
Southeast Region	Jo Stephen	247-4435
Kalispell – Northwest region	Rod Samdahl	755-8985
MEPA compliance	Jerry Burke	4966
Mine data	Toni Meyering	3920
Permits, reclamation, and Southwest region	Jerry Burke	4966
Superfund mine waste cleanup, see *SOLID AND HAZARDOUS WASTE SECTION*		
Uranium, *see coal and uranium mining*	Neil Harrington	4973

Solid and Hazardous Waste

Topic	Contact	Phone (406) 444-
Abandoned/Inactive mine site cleanup	Vic Andersen	4972
Animal waste	Kari Smith	1454
Asbestos	John Podolinsky	2690
Batteries (car and household)	Pat Crowley	5294
Boilers and industrial furnaces	Mark Hall	4096
Complaints, investigation, enforcement	Enforcement Division	0379
Community right-to-know – hazardous substances	Tom Ellerhoff	5263
Composting	Pat Crowley	5294
Construction and demolition waste	George Scriba	1434
Disposal facilities		
Hazardous waste	Becky Holmes	2876
Non-hazardous, see *Landfills, Landfarms, Composting*		
Emergency response		
Contact DMA, Disaster and Emergency Services		841-3911
Hazardous materials emergency response system		
Fluorescent lights		
Disposal	Bob Reinke	1435
Recycling	Sandra Boggs	9897
Freon		
Solvent	Bob Reinke	1435
Refrigerant, contact U.S. EPA	Betsy Wahl	441-1130
Glass recycling	Sandra Boggs	9897
Hazardous substance cleanup	Mike Trombetta	5977
Agricultural chemicals – pesticides/herbicides, contact Department of Agriculture	Steve Baril	3730
DEQ contact	Denise Martin	0488
Groundwater sites – non-permitted	Denise Martin	0488
Inactive mine sites	Vic Andersen	4972
Industrial or commercial chemicals	Mike Trombetta	5977
Petroleum storage tank leaks	Jeff Kuhn	5976
see also *Superfund sites*		
Hazardous waste		
Generators, transporters, and recyclers	Bob Reinke	1435
Treatment, storage, and disposal facilities	Becky Holmes	2876

Solid and Hazardous Waste

Topic	Contact	Phone (406) 444-
Household hazardous waste	Sandra Boggs	9897
Incinerators	Dave Klemp	0286
Industrial waste		
Hazardous	Bob Reinke	1435
Non-hazardous	George Scriba	1434
Integrated solid waste management	Lou Moore	6749
Junk Vehicle Program	Darrell Stankey	3048
Junkyards (any type of scrap material)	Darrell Stankey	3048
Landfarms	Andrea Vickory	1808
Landfills		
Licensing	Mike DaSilva	9879
Regulations	Pat Crowley	5294
Lead paint disposal	George Scriba	1434
Leaking underground storage tanks	Jeff Kuhn	5976
Medical waste	Rick Thompson	5345
Mine waste, see *Abandoned/Inactive mine site cleanup, Superfund sites*		
Motor oil, used		
Disposal	Iver Johnson	5852
Reuse/recycle	Sandra Boggs	9897
Motor vehicle wrecking facilities	Darrell Stankey	3048
Also contact local government agencies for zoning ordinances		
Paper recycling	Sandra Boggs	9897
Pay-As-You-Throw	Sandra Boggs	9897
Pesticides/herbicides		
Application, contact Dept. of Agriculture	Steve Baril	3730
Contamination, cleanup	Steve Baril	3730
DEQ contact	Denise Martin	0488
Disposal	Dan Sullivan	5400
Petroleum releases	Jeff Kuhn	5976
Petroleum Tank Release Cleanup Fund	Paul Hicks	0936
Pollution prevention	Louise Moore	6749
Recycling programs	Sandra Boggs	9897
Septic disposal	Pat Crowley	5294

Solid and Hazardous Waste

Topic	Contact	Phone (406) 444-
Solid waste reduction, reuse, and recycling programs	Sandra Boggs	9897
Spills/leaks, see *Emergency response*		
Superfund hotline		1-800-246-8198
Superfund Program		
Federal (CERCLA) — non-petroleum		
Mine sites	Vic Andersen	4972
Non-mine sites	Denise Martin	0488
State (CECRA) — includes petroleum	Denise Martin	0488
Brownfields	Aimee Reynolds	0492
Site list	Mandy Cunningham	3132
Voluntary cleanup	Aimee Reynolds	0492
Tires, waste		
Disposal	Rick Thompson	5345
Reuse/recycle	Sandra Boggs	9897
Toxic Release Inventory	Tom Ellerhoff	5263
Underground Storage Tanks (UST)		
Leak prevention	Bill Rule	0493
Licensing UST installers/removers/inspectors	David Karlau	1415
Installation/removal permits	Brett Smith	0495
Registering USTs/inspections	Susan McAnally	1416
UST system design and engineering	Brett Smith	0495
Leaking Underground Storage Tanks (LUST)		
Corrective action	Jeff Kuhn	5976
Field office – Billings	Craig Stagner	247-4451
Field office – Kalispell	Marcile Sigler	755-8985
Leak hotline		1-800-457-0568
Lists, UST/LUST sites	Holly Garrett	0475
see also *Petroleum Tank Release Cleanup Fund*		

Water Quality

Notes: Contact the Montana Department of Natural Resources and Conservation, Water Resources Division (444-6601) for information on state water projects, water appropriations, water rights, water reservations, well installation/ logs, and floodplain management.

Contact the Montana Department of Fish, Wildlife and Parks, Fisheries Division (444-2449) for information on habitat protection, pollution control, and water resources.

Topic	Contact	Phone (406) 444-
303(d) List — Impaired Waters List	Bob Barry	5342
305(b) Report — Water Quality Assessment Report	Bob Barry	5342
310 Permit — Alter/modify a perennial stream		
401 Certification — dredge and fill permits	Jeff Ryan	4626
— hydroelectric dams	Abe Horpestad	2459
404 Permit — federal permit subject to 401 certification	Jeff Ryan	4626
Agricultural wastes	Kari Smith	1454
Aquatic life standards	Abe Horpestad	2459
Bacteriological compliance	Sandi Ewing	5314
Biological criteria/pathogens	Abe Horpestad	2459
Bottles for sampling	Lab, DPHHS	2642
Chlorination — monitoring	Sandi Ewing	5314
— wastewater systems	Bill Bahr	5337
Classification of state waters	Abe Horpestad	2459
Coal bed methane	Abe Horpestad	2459
Coliform rule	Sandi Ewing	5314
Complaints, investigation, enforcement	Enforcement Division	0379
Confined animal feeding operations	Kari Smith	1454
Construction Dewatering Permit	Todd Bennatt	0917
Contamination and cleanup	Denise Martin	0488
Cryptosporidium	John Camden	4071
Discharge permits	Tom Reid	5329
Disinfected Water Discharge Permit	Kari Smith	1454
Drainfields (subdivisions)	Theresa Blazicevich	5344
Dredge and Fill Permit (Section 401)	Jeff Ryan	4626
Drinking water, see *Public water supply*		

Water Quality

Topic	Contact	Phone (406) 444-
Emergency response		
Contact DMA, Disaster and Emergency Services		841-3911
Hazardous materials emergency response system		
Facultative Sewage Lagoons Discharge Permit	Water Protection Bureau	3080
Feedlots	Kari Smith	1454
Fish Farm Discharge Permit	Fred Offenkrantz	4492
Giardia	Eugene Pizzini	3425
Ground water		
Classification	Abe Horpestad	2459
Comprehensive Protection Plan	Louise Moore	6749
Discharge permits	Tom Reid	5329
List of remediation sites	Denise Martin	0488
Monitoring and data management, contact	Luke Buckley	496-4336
MBMG/Butte, Ground Water Information Center		
DEQ contact	Joe Meek	4806
Pollution prevention	Louise Moore	6749
Remediation	Denise Martin	0488
Standards	Abe Horpestad	2459
see also *Source water protection, Watershed management*		
Hog farms	Kari Smith	1454
Hydroelectric development — large scale	Tom Ring	6785
Hydroelectric development — small scale	Georgia Brensdal	6750
Impaired waters list (303(d) list)	Bob Barry	5342
Individual Discharge Permits — Surface Water	Water Protection Bureau	3080
Individual Discharge Permits — Ground Water	Kari Smith	1454
Lagoon design	Todd Teegarden	5324
Lakes, see *Surface water*		
Lead and Copper Rule	Sam Martinez	5313
Livestock waste	Kari Smith	1454
Mixing zones — general	Abe Horpestad	2459
Mixing zones — subdivisions	Eric Regensberger	0916
Modeling	Michael Pipp	7424

Water Quality

Topic	Contact	Phone (406) 444-
Monitoring and assessment	Rosie Sada	4684
Montana Ground Water Pollution Control System (MGWPCS)	Tom Reid	5329
Montana Pollutant Discharge Elimination System (MPDES)	Tom Reid	5329
Nitrates	Mike Suplee	0831
Nondegradation authorizations and determinations	Eric Regensburger	0916
Nonpoint source pollution (NPS) – agriculture, forestry, mining, etc.	Jim Bauermeister	6771
Information and education	Jim Bauermeister	6771
Section 319 NPS grants	Mark Kelley	3508
Numeric Water Quality Standards (WQB-7)	Abe Horpestad	2459
Nutrient criteria/standards	Mike Suplee	0831
Operator certification	Shirley Quick	2691
Outstanding resource waters	Abe Horpestad	2459
Permits, licenses, approvals		
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Application contact	Steve Baril	3730
Department of Agriculture		

Water Quality

Topic	Contact	Phone (406) 444-
Contamination/cleanup	Steve Baril	3730
DEQ contact	Denise Martin	0488
Disposal	Dan Sullivan	5400
Petroleum Cleanup Discharge Permit	Water Protection Bureau	3080
Pollution, see *Ground water, Surface water, Emergency response*		
Pollution Prevention	Louise Moore	6749
Produced water discharge permit	Todd Bennatt	0912
Public wastewater systems		
Operator licensing and certification	Shirley Quick	2691
Operator training and technical assistance	Bill Bahr	5337
Plan review		
State Revolving Fund (SRF) projects	Todd Teegarden	5324
Non-SRF projects	Ryan Leland	5311
System improvement loans – SRF	Todd Teegarden	5324
Public water supply		
Bacteriological compliance	Sandi Ewing	5314
Field Office – Billings	Jerry Burns	247-4446
Field Office – Kalispell	Greg Butts	755-8985
General – drinking water quality, contamination, testing		4400
Operator licensing and certification	Shirley Quick	2691
Operator training and technical assistance	Eric Minneti	4769
Plan review		
State Revolving Fund (SRF) projects	Mark Smith	5325
Non-SRF projects	Ryan Leland	5311
Sample bottle requests		
contact DPHHS Environmental Laboratory		2642
System improvement loans – SRF	Mark Smith	5325
Technical assistance/water treatment	John Camden	4071
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Subdivisions	Theresa Blazicevich	5344
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Standards	Abe Horpestad	2459
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Water Pollution Control SRF	Todd Teegarden	5324
STORET Database	Deborah Dorland	2407
Storm water discharge	Brian Heckenberger	5310
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Modeling	John Coefield	5272
Monitoring and assessment	Rosie Sada	4684
Pollution prevention	Louise Moore	6749
Remediation	Denise Martin	0488

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Topic	Contact	Phone (406) 444-
Standards	Abe Horpestad	2459
Statewide conditions and trends	Bob Bukantis	4684
Volunteer monitoring		
DEQ contact	Randy Apfelbeck	2709
Montana Watercourse, Project WET	Pete Schade	994-5398
Water Information System, NRIS,	Duane Anderson	5356
Montana State Library		
Watershed management	Bob Raisch	3658
Temporary water quality standards	Abe Horpestad	2459
Total Coliform Rule	Sandi Ewing	5314
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Statewide		
Planning/public outreach	Bob Raisch	3658
Monitoring/assessment	Randy Apfelbeck	2709
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Planning/public outreach	Darrin Kron	4765
Monitoring/assessment	Al Nixon	3576
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Planning/public outreach	Carole Mackin	7425
Monitoring/assessment	Rebecca Ridenour	0715
Westslope/Columbia River Basin		
Planning/public outreach	Dean Yashan	5317
Monitoring/assessment	Jen Wilson	0943
Yellowstone Basin		
Planning/public outreach	Dean Yashan	5317
Monitoring/assessment	Pat Newby	3474
Underground injection	U.S. EPA	441-1140
Volunteer monitoring	Randy Apfelbeck	2709
Wastewater systems, see *Public wastewater systems*		
Water Quality Act	Abe Horpestad	2459
Water Quality Districts (local)	James Swierc	5492
Water rights	Curt Martin, DNRC	6631
Water school — operator training	Shirley Quick	2691

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Watershed management	Bob Raisch	3658
Local Conservation Districts, coordination with		
Nonpoint source pollution (agriculture, forestry, mining, etc.)	Jim Bauermeister	6771
Information and education	Jim Bauermeister	6771
Section 319 NPS grants	Jim Bauermeister	6771
Total maximum daily loads (TMDL)		
Planning/public outreach	Bob Raisch	3658
Monitoring/assessment	Rosie Sada	4684
Wellhead Protection Program	Joe Meek	4806
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Disinfection	Gene Pizzini	3425
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Logs, contact Montana Bureau of Mines and Geology	Luke Buckley	496-4336
Wetlands		
Wetland assessment	Randy Apfelbeck	2709
Wetland disturbances	Jeff Ryan	4626
Wetlands grants	Lynda Saul	6652
Wetlands Council	Lynda Saul	6652
WQB-7 — Numeric water quality standards	Abe Horpestad	2459

Acronyms and Abbreviations

BER	Board of Environmental Review
BLM	Bureau of Land Management, U.S.
CECRA	Comprehensive Environmental Cleanup and Responsibility Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
DEQ	Department of Environmental Quality, Montana
DMA	Department of Military Affairs, Montana
DNRC	Department of Natural Resources and Conservation, Montana
DPHHS	Department of Public Health and Human Services, Montana
EPA	Environmental Protection Agency, U.S.
FERC	Federal Energy Regulatory Commission
LUST	Leaking underground storage tank
MBMG	Montana Bureau of Mines and Geology
MDT	Montana Department of Transportation
MEPA	Montana Environmental Policy Act
MFSA	Montana Major Facility Siting Act
MGWPCS	Montana Groundwater Pollution Control System
MPDES	Montana Pollution Discharge Elimination System
NRIS	Natural Resource Information System
NRCS	Natural Resources Conservation Service
NPS	Nonpoint source pollution
PSD	Prevention of Significant Deterioration
PTRCB	Petroleum Tank Release Compensation Board
PTRCF	Petroleum Tank Release Cleanup Fund
RCRA	Resource Conservation and Recovery Act
SIP	State Implementation Plan
SRF	State Revolving Fund
TMDL	Total maximum daily load
USFS	Forest Service, U.S.
UST	Underground storage tank
VCRA	Voluntary Cleanup and Redevelopment Act

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